

## WEST Search History for Application 10544095

**Creation Date: 2008041418:58**

Query	DB	Op.	Plur.	Thes.	Date
((((piezoelectric resonator or film bulk acoustic or fbar or sbar or thin film resonator or tfr or bulk acoustic wave resonator or bulk acoustic resonator or baw))) or thin layer\$4 resonator	USPT	ADJ	YES		04-14-2008
(((((piezoelectric resonator or film bulk acoustic or fbar or sbar or thin film resonator or tfr or bulk acoustic wave resonator or bulk acoustic resonator or baw))) or thin layer\$4 resonator ) and duplexer	USPT	ADJ	YES		04-14-2008
('6018644'   '6070058'   '6185434'   '6272327'   '6459885'   '6587444')! [pn]	USPT, PGPB				04-14-2008
('5386203'   '5652599'   '5815804'   '6249687'   '6662021'   '6694129'   '6724278'   '6759924'   '6845231'   '6911708'   '6980067'   '6995630')! [pn]	USPT, PGPB				04-14-2008
front end and (multiband or multi band or multiple band) and duplexer	USPT	ADJ	YES		04-14-2008
('2165794'   '2223049'   '2885677'   '3177430'   '4001832'   '4357608'   '4910481'   '4914714'   '4980660'   '5015973'   '5021756'   '5021801'   '5339454'   '5386203'   '5465410'   '5535432'   '5584056'   '5732330')! [pn]	USPT, PGPB				04-14-2008